

Volcanic Ash Dispersion Model (PUFF)

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PROGRAM/PROJECT DESCRIPTION: Provides up-to-date, three dimensional, ash plume and propagation information with enhanced forecast accuracy and an intuitive graphical user interface. This will provide aircrews three-dimensional ash cloud information allowing them to avoid hazardous areas during times of volcanic activity. The main benefits from this program are: (1) enhanced volcanic ash transport forecast accuracy and (2) an intuitive graphical user interface that reduces the time required to activate volcanic ash forecasts and reduce the risk of errors that frequently occur from the format-sensitive input methods used by other ash forecast programs.

I. TRAINING REQUIREMENTS:

A. Trainees

B. Skill Level of Designated Trainees

Pilots

⇒ Military

Student Line Instructor Examiner

Navigators (DoD)

Student Line Instructor Examiner

DoD Forecaster/Meteorologists

Air Force

⇒ Enlisted

Apprentice Journeyman Craftsman

⇒ Civilian

Forecaster

⇒ Officer

Entry Level Fully Qualified

C. Training Required

Familiarization

Basic Knowledge Basic Task Performance

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Determination of Training Requirements (Current)

Determination of Training Concept (Current)

B. Training Method TBD

C. Training Delivery Resources TBD

D. Training Provider

Federal Agency

⇒ DoD Air Force

E. Training Measurement TBD

F. Training References TBD

G. Training Completion Documentation TBD

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification TBD

B. Training Length TBD

C. Group Size TBD

D. Trainer to Trainee Ratio TBD

E. Point of Contact to Request Training

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